

2517

Diag. Cht. No. 9380

<p>Form 504 Rev. Dec. 1933 DEPARTMENT OF COMMERCE U.S. COAST AND GEODETIC SURVEY R. S. PATTON, DIRECTOR</p>	
<p>DESCRIPTIVE REPORT</p>	
<p><i>Topographic</i> <i>Hydrographic</i></p>	<p>Sheet No. <u>2517</u></p>
<p>State <u>Alaska</u></p>	
<p>LOCALITY</p>	
<p>1930</p>	
<p>CHIEF OF PARTY</p>	
<p><u>Pratt</u></p>	

U. S. GOVERNMENT PRINTING OFFICE: 1934

2517

(Title & 3 Pages)

U.S.COAST & GEODETIC SURVEY  
DR. HENRY S.PRITCHETT, SUPERINTENDENT.

DESCRIPTIVE REPORT  
OF THE  
HYDROGRAPHY  
OF THE  
ENTRANCE TO GRANTLEY HARBOR,  
ALASKA.

SCALE.....1/10,000.

BY THE PARTY UNDER CHARGE OF J.F.PRATT, ASSISTANT,  
COMMANDING U.S.C. & G.SURVEY STEAMER PATTERSON,

SEPTEMBER.....1900.

DESCRIPTIVE REPORT  
HYDROGRAPHIC SHEET...SCALE 1/10,000.  
ENTRANCE TO GRANTLEY HARBOR,  
ALASKA.  
SURVEYED BY THE PARTY ATTACHED TO THE U.S.C. & G. SURVEY STR.  
"PATTERSON"  
IN  
SEPTEMBER.....1900.

The geographical positions are  
from the triangulation made by  
R.B.Derickson and H.W.Rhodes, Aids, in the party during September  
1900.

The shoreline is  
from a topographic survey by J.F.Pratt, Assistant  
during September 1900.

The hydrographic points  
were determined topographically.

The boats used were  
the U. S.C. & G. Survey Launches "Vixen" and  
"Reynard".

The observers were  
W.G.Appleton, First Watch Officer and W.I.  
Eisler, Second Watch Officer.

The recorder was

A.E.Brisman, Yeoman First Class U.S.N.

The leadsmen were

from the crew of the U.S.S.Patterson.

The datum plane

used corresponds to 2.5 feet on the Tapkok Tide Staff, 1.7 feet on the Nome Tide Staff and 0.9 feet on the Port Clarence Tide Staff.

During the time that surveys were being made in this locality southerly winds prevailed, thus holding the water in the northern portion of Bering Sea to such an extent that the tidal record does not give a proper mean rise and fall.

Dangers:-

No outlying dangers were discovered on the area embraced by this sheet.

The tidal current:-

On account of the fresh water tributaries to Imurook Basin the ebb current, between the ends of the spits, usually runs stronger and longer than that of the flow.

  
Assistant C. & G. Survey,

Chief of Party.

EM

Treasury Department,  
Office of the Coast and Geodetic Survey,  
Washington, D. C.,

*Freeing Div*  
*A.B.*  
*4/3/2*

April 3, 1902.

Mr. Andrew Braid,

Assistant in charge of the Office.

Sir:

I forward herewith Hydrographic Sheets No's. 2517 and 2519, both by Assistant Pratt in 1900. As these sheets are plotted on a plane no longer used in that locality I would respectfully suggest that the sheets be replotted on a true plane. It takes almost as long for the draftsman to use these sheets in their present condition as it would to replot them, and this will have to be repeated every time the sheets are used. Were a request for copies of the original sheets asked for it would be impossible to use photographs; a tracing would have to be made correcting each sounding for the error in the plane. Nearly all the other sheets in this locality by Assistant Pratt have been replotted, and as these the are far most important of the lot, I think before they are finally approved they should also be corrected.

Respectfully yours,

*Approved*  
*To be done as opportunity* *W. W. Ward*  
*Officer - not of course* Assistant and Chief, Drawing and Engraving Division.

*A.B.*  
*4/3/2*

V.E.C.

Communications should be forwarded  
under cover to the Superintendent U. S.  
Coast and Geodetic Survey, Washington, D. C.

Treasury Department,

Office of the Coast and Geodetic Survey,  
OFFICE OF ASSIST. IN CHARGE

JUN 17 1901

Washington, D. C.,

COAST AND GEODETIC SURVEY.

June 17, 1901.

Mr. Andrew Braid,

Assistant in charge of Office.

Sir:

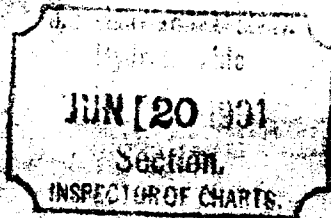
In reply to Mr. G. Bradford's request of the 12th instant, I transmit herewith tide notes for Hydrographic Sheets Nos. 2517 and 2519.

Respectfully yours,

*E. P. Shidley*

Chief of Tidal Division.

*These tide notes are the same  
for a note as to please  
reference to the printed on the sheets  
G. Bradford  
Insp. of Charts*



*Mr. Bradford*

*AB*  
*FI*

Hydrographic

OCT 25 1901

Section.

INSPECTOR OF CHARTS.

HYDROGRAPHIC SHEET NO. 2517.

TIDES.

Port Clarence, Alaska.

Mean lower low water  
plane of reference

3.36 ft. on staff

Highest tide observed

7.18 " " "

Lowest tide observed

1.72 " " "

Mean rise and fall

1.15 "

Observer: W.T.Eisler.

Pratt used -0.9 ft. as datum.







No. 17. TREASURY DEPARTMENT